

***Drawing Amendments***

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 1A-1G, 2A-2C, 3A-3C, 4 and 5. These sheets, which includes Figures 1A-1G, 2A-2C, 3A-3C, 4 and 5, replace the original sheets, Figures 1A-1E, 2A, 2B, 3A, 3B, 4, 5, and 6.

Please delete original Figures 3A and 3B.

Attached are copies of 15 sheets of drawings, with Figures 1A-1G, 2A-2C, 3A-3C, 4 and 5 each marked as "Replacement Sheet." Also attached is 1 sheet of drawings, with Figures 2C marked as "Annotated Marked-up Drawing," with the proposed changes marked in red.

Also attached are prior Figures 3A and 3B, which have been deleted and are marked as "Delete."

The Figures submitted herewith are formal drawings with Figures 1A-1G, 2A-2C, 3A-3C, 4 and 5, corresponding to the informal drawing(s) submitted with the above-captioned application. Identification of the drawing(s) is provided in accordance with 37 C.F.R. § 1.84(c).

The examiner requested a corrected copy of Figure 2B, with changes highlighted in red ink or otherwise highlighted. There was a typographical error in that the "E" should have been placed under residue 1120, instead of under residue 1116. As indicated in the Preliminary Amendment, filed May 10, 2002, page 3, last paragraph, support for this change is found in the deposited sequences of NRRL B-11474 and NRRL B- 30293, and in originally-filed sequence of Figure 1 (SEQ ID NO: 2).

Additionally, Figures 3A and 3B are to be deleted, as the sequence in each is identical to Figures 1A-1G. Figures 4-6 have been renumbered as Figures 3-6, accordingly. These changes do not constitute new matter as both terms have been used in the specification as filed and are merely different designations for the same organism.

The applicant believes that the proposed drawing changes and amendments are in compliance with the July 30, 2003 Revision of 37 C.F.R. § 1.121(d) and with 37 C.F.R. § 1.84.